



**California State Fire Marshal**  
**National Fire Incident Reporting System**

Data as of: 01/28/2008 9:53:52AM

**FDID Range:**  
 0 to No Upper Bound

**Incident Date Range:**  
 01/01/2003 to 12/31/2007

**Incident Type:**  
 111 to 123

**Presence And Type Of Automatic Fire Extinguisher Systems, 2003-2007**

<u>Incident</u> <u>Year</u> 2003	<u>AES</u> <u>Presence</u>	<u>AES</u> <u>Type</u>	<u>Incident</u> <u>Count</u>	<u>Property</u> <u>Losses</u>	<u>Contents</u> <u>Losses</u>	<u>Fire Service</u> <u>Injuries</u>	<u>Fire Service</u> <u>Deaths</u>	<u>Civilian</u> <u>Injuries</u>	<u>Civilian</u> <u>Deaths</u>
	(Unspecified)	(Unspecified)	284	\$3,272,327	\$772,020	1	0	4	0
		<b>Subtotal</b>	<b>284</b>	<b>\$3,272,327</b>	<b>\$772,020</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>
	None Present	(Unspecified)	6,214	\$148,282,753	\$53,372,665	122	0	203	35
		<b>Subtotal</b>	<b>6,214</b>	<b>\$148,282,753</b>	<b>\$53,372,665</b>	<b>122</b>	<b>0</b>	<b>203</b>	<b>35</b>
	Present	(Unspecified)	149	\$2,664,180	\$2,394,701	3	0	2	0
		Carbon dioxide (CO2) system	4	\$600	\$0	0	0	0	0
		Dry chemical system	36	\$326,175	\$297,325	0	0	0	0
		Dry pipe sprinkler	7	\$219,500	\$5,550	0	0	1	0
		Foam system	2	\$500	\$10,500	0	0	0	0
		Halogen type system	4	\$19,000	\$5,000	0	0	0	0
		Other	14	\$1,000	\$1,600	0	0	0	0
		Other sprinkler system	5	\$39,100	\$37,000	0	0	0	0
		Undetermined	264	\$4,438,415	\$680,241	3	0	6	2
		Wet pipe sprinkler	374	\$7,076,866	\$12,255,687	12	0	12	0
		<b>Subtotal</b>	<b>859</b>	<b>\$14,785,336</b>	<b>\$15,687,604</b>	<b>18</b>	<b>0</b>	<b>21</b>	<b>2</b>
	Undetermined	(Unspecified)	33	\$38,661	\$8,377	0	0	1	0
		<b>Subtotal</b>	<b>33</b>	<b>\$38,661</b>	<b>\$8,377</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>2003</b>	<b>Total</b>		<b>7,390</b>	<b>\$166,379,077</b>	<b>\$69,840,666</b>	<b>141</b>	<b>0</b>	<b>229</b>	<b>37</b>

## Presence And Type Of Automatic Fire Extinguisher Systems, 2003-2007

<u>Incident Year</u>	<u>AES Presence</u>	<u>AES Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2004									
	(Unspecified)								
		(Unspecified)	589	\$16,899,331	\$2,266,286	2	0	9	0
		<b>Subtotal</b>	<b>589</b>	<b>\$16,899,331</b>	<b>\$2,266,286</b>	<b>2</b>	<b>0</b>	<b>9</b>	<b>0</b>
	None Present								
		(Unspecified)	9,012	\$227,096,440	\$82,521,703	132	0	311	55
		<b>Subtotal</b>	<b>9,012</b>	<b>\$227,096,440</b>	<b>\$82,521,703</b>	<b>132</b>	<b>0</b>	<b>311</b>	<b>55</b>
	Present								
		(Unspecified)	175	\$1,850,331	\$878,291	1	0	7	0
		Carbon dioxide (CO2) system	3	\$95,000	\$100,000	0	0	0	0
		Dry chemical system	53	\$756,160	\$694,306	0	0	1	0
		Dry pipe sprinkler	9	\$11,400	\$11,100	0	0	0	0
		Halogen type system	3	\$4,500	\$9,000	0	0	0	0
		Other	9	\$8,500	\$3,530	0	0	0	0
		Other sprinkler system	8	\$26,100	\$2,000	0	0	0	0
		Undetermined	238	\$6,402,302	\$1,302,699	1	0	3	0
		Wet pipe sprinkler	527	\$21,037,753	\$32,093,442	1	0	18	0
		<b>Subtotal</b>	<b>1,025</b>	<b>\$30,192,046</b>	<b>\$35,094,368</b>	<b>3</b>	<b>0</b>	<b>29</b>	<b>0</b>
	Undetermined								
		(Unspecified)	197	\$3,551,937	\$977,073	3	0	7	1
		<b>Subtotal</b>	<b>197</b>	<b>\$3,551,937</b>	<b>\$977,073</b>	<b>3</b>	<b>0</b>	<b>7</b>	<b>1</b>
<b>2004</b>	<b>Total</b>		<b>10,823</b>	<b>\$277,739,754</b>	<b>\$120,859,430</b>	<b>140</b>	<b>0</b>	<b>356</b>	<b>56</b>
2005									
	(Unspecified)								
		(Unspecified)	500	\$105,889,982	\$102,108,698	1	0	7	1
		<b>Subtotal</b>	<b>500</b>	<b>\$105,889,982</b>	<b>\$102,108,698</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>1</b>
	None Present								
		(Unspecified)	11,218	\$386,695,926	\$135,374,306	198	1	462	72
		<b>Subtotal</b>	<b>11,218</b>	<b>\$386,695,926</b>	<b>\$135,374,306</b>	<b>198</b>	<b>1</b>	<b>462</b>	<b>72</b>
	Present								
		(Unspecified)	276	\$2,471,079	\$1,384,724	3	0	4	1

## Presence And Type Of Automatic Fire Extinguisher Systems, 2003-2007

<u>Incident Year</u>	<u>AES Presence</u>	<u>AES Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Carbon dioxide (CO2) system	4	\$1,291,500	\$511,500	4	0	0	0
		Dry chemical system	79	\$1,538,801	\$618,376	3	0	5	0
		Dry pipe sprinkler	16	\$60,650	\$9,100	0	0	0	0
		Foam system	4	\$5,000	\$1,000	0	0	0	0
		Halogen type system	7	\$552,025	\$304,500	0	0	0	0
		Other	15	\$204,200	\$331,250	0	0	0	0
		Other sprinkler system	27	\$1,172,500	\$420,350	2	0	0	0
		Undetermined	130	\$2,619,490	\$1,126,052	0	0	1	1
		Wet pipe sprinkler	822	\$13,412,494	\$23,934,309	8	0	39	1
		<b>Subtotal</b>	<b>1,380</b>	<b>\$23,327,739</b>	<b>\$28,641,161</b>	<b>20</b>	<b>0</b>	<b>49</b>	<b>3</b>
		<b>Undetermined</b>							
		(Unspecified)	593	\$8,009,934	\$1,881,915	2	0	22	3
		<b>Subtotal</b>	<b>593</b>	<b>\$8,009,934</b>	<b>\$1,881,915</b>	<b>2</b>	<b>0</b>	<b>22</b>	<b>3</b>
	<b>2005</b>	<b>Total</b>	<b>13,691</b>	<b>\$523,923,581</b>	<b>\$268,006,080</b>	<b>221</b>	<b>1</b>	<b>540</b>	<b>79</b>
<b>2006</b>		(Unspecified)							
		(Unspecified)	373	\$10,934,400	\$2,190,715	0	0	8	0
		Dry chemical system	3	\$20,100	\$45,200	0	0	0	0
		Foam system	1	\$5,000	\$1,000	0	0	0	0
		Other	1	\$1,000	\$2,000	0	0	0	0
		Other sprinkler system	1	\$0	\$12	0	0	0	0
		Undetermined	1	\$1,000	\$1,000	0	0	0	0
		Wet pipe sprinkler	11	\$36,600	\$31,200	0	0	0	0
		<b>Subtotal</b>	<b>391</b>	<b>\$10,998,100</b>	<b>\$2,271,127</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>
		<b>None Present</b>							
		(Unspecified)	9,683	\$332,501,591	\$128,093,777	185	1	404	87
		<b>Subtotal</b>	<b>9,683</b>	<b>\$332,501,591</b>	<b>\$128,093,777</b>	<b>185</b>	<b>1</b>	<b>404</b>	<b>87</b>
		<b>Present</b>							
		(Unspecified)	198	\$1,856,568	\$726,873	0	0	1	0
		Carbon dioxide (CO2) system	9	\$313,500	\$378,500	0	0	0	0
		Dry chemical system	38	\$1,414,410	\$1,386,150	0	0	1	0
		Dry pipe sprinkler	16	\$831,401	\$444,965	0	0	0	1
		Foam system	4	\$6,000	\$5,250	0	0	0	0

## Presence And Type Of Automatic Fire Extinguisher Systems, 2003-2007

<u>Incident Year</u>	<u>AES Presence</u>	<u>AES Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>	
		Other	12	\$1,600,350	\$265,100	0	0	0	0	
		Other sprinkler system	18	\$538,100	\$23,450	0	0	0	0	
		Undetermined	108	\$7,817,793	\$2,483,629	1	0	4	0	
		Wet pipe sprinkler	722	\$111,438,125	\$9,822,893	4	0	15	0	
		Subtotal	1,125	\$125,816,247	\$15,536,810	5	0	21	1	
	Undetermined	(Unspecified)	942	\$124,560,045	\$19,796,910	8	0	12	7	
		Subtotal	942	\$124,560,045	\$19,796,910	8	0	12	7	
	2006	Total	12,141	\$593,875,983	\$165,698,624	198	1	445	95	
	2007	(Unspecified)	(Unspecified)	386	\$5,212,412	\$6,526,506	4	0	7	0
			Dry chemical system	1	\$100,000	\$300,000	0	0	0	0
Dry pipe sprinkler			1	\$2,000	\$1,000	0	0	0	0	
Other sprinkler system			2	\$5,000	\$1,000	0	0	0	0	
Wet pipe sprinkler			13	\$812,100	\$185,100	0	0	0	0	
Subtotal			403	\$6,131,512	\$7,013,606	4	0	7	0	
None Present		(Unspecified)	8,330	\$513,499,662	\$201,190,929	139	0	282	63	
		Subtotal	8,330	\$513,499,662	\$201,190,929	139	0	282	63	
Present		(Unspecified)	168	\$2,321,389	\$887,499	1	0	1	0	
		Carbon dioxide (CO2) system	4	\$10,000	\$85,000	0	0	0	0	
		Dry chemical system	49	\$1,456,450	\$640,150	0	0	0	0	
		Dry pipe sprinkler	11	\$272,210	\$450	0	0	0	0	
		Foam system	1	\$250	\$100	0	0	0	0	
		Halogen type system	3	\$0	\$0	0	0	0	0	
		Other	8	\$1,000	\$11,850	0	0	0	0	
		Other sprinkler system	9	\$16,175	\$35,100	0	0	0	0	
		Undetermined	71	\$1,270,570	\$414,254	0	0	1	0	
		Wet pipe sprinkler	548	\$21,451,000	\$35,541,981	1	0	17	1	
	Subtotal	872	\$26,799,044	\$37,616,384	2	0	19	1		

## Presence And Type Of Automatic Fire Extinguisher Systems, 2003-2007

<u>Incident Year</u>	<u>AES Presence</u>	<u>AES Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
	Undetermined								
		(Unspecified)	1,163	\$132,033,853	\$61,589,091	11	0	17	4
		<b>Subtotal</b>	<b>1,163</b>	<b>\$132,033,853</b>	<b>\$61,589,091</b>	<b>11</b>	<b>0</b>	<b>17</b>	<b>4</b>
<b>2007</b>	<b>Total</b>		<b>10,768</b>	<b>\$678,464,071</b>	<b>\$307,410,010</b>	<b>156</b>	<b>0</b>	<b>325</b>	<b>68</b>
	<b>Grand Total</b>		<b>54,813</b>	<b>\$2,240,382,466</b>	<b>\$931,814,810</b>	<b>856</b>	<b>2</b>	<b>1,895</b>	<b>335</b>

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.